

IN THE CLAIMS:

1 1. (Previously Canceled) A method of controlling semi-frozen liquid beverage in a
2 dispensing machine having a bowl to contain said beverage therein, a motor to turn a helical auger
3 blade within said bowl to scrape the semi-frozen beverage, and a compressor to cool said beverage,
4 which method comprises:

5 actuating said compressor to said bowl until temperature of said beverage is cooled
6 to reach an initial set point;

7 deactivating said compressor to said bowl after temperature of said beverage is cooled
8 at or below said set point;

9 sensing torque on said motor caused by resistance to said auger blade after a defined
10 time period following said switching off of said compressor;

11 activating said compressor to said bowl if torque on said motor is below a certain
12 level; and

13 lowering said temperature set point from said initial set point to a lower set point to
14 cool said product.

1 2. (Previously Canceled) A method of controlling semi-frozen liquid beverage as set
2 forth in Claim 1 wherein said initial step of activating said compressor to said bowl includes
3 switching a solenoid switch.

1 3. (Previously Canceled) A method of controlling semi-frozen liquid beverage as set
2 forth in Claim 1 including the steps of monitoring a pump which delivers said beverage to said bowl
3 to determine amount of beverage delivered to said bowl and raising said set point when a selected
4 amount has been delivered.

1 4. (Previously Canceled) A method of controlling semi-frozen liquid beverage as set
2 forth in Claim 1 including the steps of monitoring a pump timer to determine the amount of beverage
3 delivered to said bowl and raising said set point when a selected amount has been delivered.

1 5. (Currently Amended) A semi-frozen liquid beverage dispensing machine having a
2 bowl to contain semi-frozen beverage therein, which apparatus comprises:

3 at least one refrigerated storage cavity for receiving a bulk storage container of liquid
4 beverage;

5 a fluid passageway tube extending between said bowl and said bulk storage container
6 wherein said fluid passageway tube is within a refrigerated zone;

7 a pump to transport said liquid from said bulk storage container through said tube and
8 said bowl; and

9 a sensor to sense liquid level of said semi-frozen beverage in said bowl of said
10 machine, said sensor connected to said pump.

1 6. (Original) A self-contained liquid storage and delivery apparatus as set forth in Claim
2 5 wherein said bulk storage container is a flexible membrane bag within a rigid box and includes a
3 connection nipple.

1 7. (Currently Canceled) A semi-frozen liquid beverage dispensing machine as set forth
2 in Claim 5 wherein said fluid passageway tube is within a refrigerated zone.

1 8. (Original) A semi-frozen liquid beverage dispensing machine as set forth in Claim
2 5 wherein said bulk storage container includes a radio frequency ID tag which communicates with
3 a transmitter/receiver in said machine.

1 9. (Currently Amended) A method to store, deliver and automatically fill liquid
2 beverage for supplying a separate, discrete semi-frozen liquid beverage machine having a bowl to
3 contain beverage products, which method comprises:

4 storing at least one bulk storage container of said beverage products in a refrigerated
5 storage cavity separate and discrete from said liquid beverage machine;

6 transporting said beverage products from said storage container in said refrigerated
7 storage cavity through a thermally conductive passageway into a bowl of said beverage machine by
8 pumping with a pump; ~~and~~

9 sensing liquid level with a liquid level sensor in said bowl in order to activate or
10 deactivate said pumping; and

11 activating said pumping to maintain said liquid level at a constant level.

1 10. (Original) A method as set forth in Claim 9 including the additional step of removing
2 said bulk storage container of said liquid beverage from said cavity and replacing with another
3 storage container.

1 11. (Original) A method to store, deliver and automatically fill liquid beverage for a
2 semi-frozen liquid beverage machine having a bowl to contain beverage products, which method
3 comprises:

4 storing at least one bulk storage container of said beverage products in a refrigerated
5 storage cavity within said liquid beverage machine;

6 transporting said beverage products from said storage container in said refrigerated
7 storage cavity through a thermally conductive passageway into said bowl of said beverage machine;
8 and

9 delivering water from a water supply to deliver water to a bowl.

1 12. (Original) A method to store, deliver and automatically fill liquid beverage for a
2 semi-frozen liquid beverage machine having a bowl to contain beverage products, which method
3 comprises:

4 storing at least one bulk storage container of said beverage products in a refrigerated
5 storage within said liquid beverage machine;

6 transporting said beverage products from said storage container in said refrigerated
7 storage cavity through a thermally conductive passageway into said bowl of said beverage machine;
8 and

9 wherein the step of transporting said liquid beverage includes delivering said liquid
10 beverage to said bowl below the liquid level in said bowl.

1 13. (Previously Canceled) A bowl for a beverage dispenser, which bowl comprises:
2 an elongated cylindrical body;
3 an open back capable of mating with said dispenser; and
4 a closed, partially domed front.

1 14. (Previously Canceled) A bowl for a beverage dispenser as set forth in Claim 13
2 wherein an axis of said cylindrical body is at an angle to horizontal plane of said dispenser.

1 15. (Previously Canceled) A bowl for a beverage dispenser as set forth in Claim 13
2 wherein said cylindrical body has a port to receive a pin extending from said dispenser in order to
3 lock said bowl in place.

1 16. (Previously Canceled) A bowl for a beverage dispenser as set forth in Claim 13
2 wherein said bowl receives a cylindrical evaporator through said open back.

1 17. (New) A semi-frozen liquid beverage dispensing machine as set forth in Claim 5
2 wherein said bowl is clear or transparent.